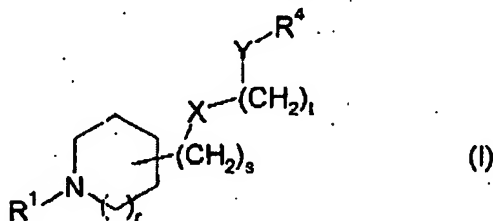


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CLAIM LISTING

1. (Previously presented) A compound of the general formula (I):



wherein

R¹ is

C₃₋₈-cycloalkyl or C₅₋₈-cycloalkenyl,

- wherein the cyclic moieties may optionally be substituted with one or more substituents independently selected from R¹², wherein R¹² is C₁₋₆-alkyl, halogen, trifluoromethyl or 2,2,2-trifluoroethyl,

r is 1,

s is 0, 1, 2 or 3,

t is 0, 1, 2 or 3,

X is C=O, CHOH or CR²R³; wherein R² and R³ independently are hydrogen or C₁₋₆-alkyl, or X is a bond,

Y is selected from the group consisting of oxadiazolyl, thiadiazolyl, or triazolyl, optionally substituted with one or more substituents independently selected from R¹⁸,

R¹⁸ is halogen, nitro, cyano, hydroxy, C₁₋₆-alkyl, C₁₋₆-alkylthio or C₁₋₆-alkoxy;

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R^4 is

(a) C_{1-6} -alkyl, C_{3-8} -cycloalkyl or C_{3-8} -cycloalkenyl, which may optionally be substituted with one or more substituents independently selected from R^{13} , wherein R^{13} is C_{3-8} -cycloalkyl, C_{1-6} -alkoxy, C_{1-6} -alkylthio, cyano, halo- C_{1-6} -alkyl, halo- C_{1-6} -alkoxy, and halogen,

or

(b) aryl, aryl- C_{1-6} -alkyl, aryl- C_{2-6} -alkenyl, or heteroaryl

which may optionally be substituted with one or more substituents independently selected from R^{14}

R^{14} is

- halogen, nitro, cyano, acyl, hydroxy, C_{1-6} -alkyl, C_{1-6} -alkylthio, C_{1-6} -alkylsulfonyl, C_{1-6} -alkylsulfonyloxy, C_{1-6} -alkoxy, C_{3-8} -cycloalkyl, halo- C_{1-6} -alkyl, halo- C_{1-6} -alkoxy, - NR^5R^6 , R^5R^6N - C_{1-6} -alkyl-, R^5R^6N - C_{1-6} -alkoxy-, or - $O(C=O)NR^5R^6$, or wherein two substituents in adjacent positions together form a radical - $O(CH_2)_{1-3}O$ -, wherein R^5 and R^6 independently are hydrogen, C_{1-6} -alkyl, C_{3-8} -cycloalkyl, C_{1-6} -alkanoyl or aryl, or R^5 and R^6 together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring,
- a group of the formula

$-(W)_l-A$ wherein

W is $-C_{1-6}$ -alkyl-, $-(O)_l-C_{2-6}$ -alkenyl-, $-(O)_l-C_{1-6}$ -alkyl- O -, $-(CH_2)_n-(C=O)-(CH_2)_m$ -, $-O$ -

wherein

l is 0 or 1

k is 0 or 1

n and m are independently 0, 1, 2 or 3,

A is

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- o aryl, aryl-C₁₋₆-alkyl, heteroaryl, heteroaryl-C₁₋₆-alkyl, C₁₋₆-alkyl or C₃₋₈-cycloalkyl wherein the ring moieties optionally may be substituted with one or more substituents independently selected from R¹⁵

R¹⁵ is

- halogen, nitro, cyano, hydroxy, C₁₋₆-alkylthio, C₁₋₆-alkylsulfonyl, C₁₋₆-alkylsulfonyloxy, C₁₋₆-alkyl, C₁₋₆-alkoxy, C₃₋₈-cycloalkyl, halo-C₁₋₆-alkyl, halo-C₁₋₆-alkoxy, -NR⁷R⁸, R⁷R⁸N-C₁₋₆-alkyl-, R⁷R⁸N-C₁₋₆-alkoxy-, or -O(C=O)NR⁷R⁸, or wherein two substituents in adjacent positions together form a radical -O-(CH₂)₁₋₃-O-,

wherein R⁷ and R⁸ independently are hydrogen, C₁₋₆-alkyl, C₃₋₈-cycloalkyl, C₁₋₆-alkanoyl or aryl, or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring,

- o NR⁹R¹⁰ wherein R⁹ and R¹⁰ independently are hydrogen, C₁₋₆-alkyl, C₃₋₈-cycloalkyl, C₁₋₆-alkanoyl or aryl, or R⁹ and R¹⁰ together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring, and the ring may contain further heteroatoms and it may optionally be substituted with one or more substituents independently selected from R¹⁶,

wherein R¹⁶ is C₁₋₆-alkyl, C₃₋₈-cycloalkyl, C₁₋₆-alkanoyl or aryl optionally substituted with one or more substituents independently selected from R¹⁷, wherein R¹⁷ is halogen, nitro, cyano, hydroxy, or C₁₋₆-alkyl;

as well as any diastereomer or enantiomer or tautomeric form, mixtures of these, or a pharmaceutically acceptable salt thereof.

2. (Previously presented) A compound according to claim 1, wherein R¹ is C₃₋₈-cycloalkyl.

3. (Currently amended) A compound according to claim 2 ~~Error! Reference source not found.~~ wherein R¹ is cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl.

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4. (Currently Amended) A compound according to claim 3 ~~Error! Reference source not found.~~ wherein R¹ is cyclopropyl or cyclopentyl.

5. Cancelled

5 6. (Currently amended) A compound according to claim 4 ~~Error! Reference source not found.~~ wherein R¹ is cyclopropyl.

6 7. (Original) A compound according to claim 1, wherein X is a bond.

7 8. (Original) A compound according to claim 1, wherein s and t together are 0, 1, 2 or 3.

9. Cancelled

8 10. (Original) A compound according to claim 1 wherein s is 0 or 1.

9 11. (Original) A compound according to claim 10 wherein s is 0.

10 12. (Original) A compound according to claim 1 wherein t is 0.

13. Cancelled

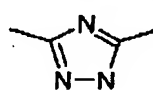
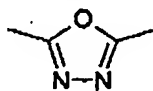
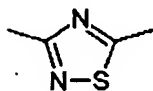
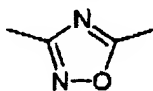
14. Cancelled

15. Cancelled

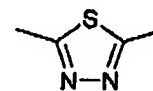
16. Cancelled

17. Cancelled

11 18. (Previously presented) A compound according to claim 1, wherein Y is selected from



or



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- 12 19. (Original) A compound according to claim 1, wherein R^4 is aryl, aryl- C_{1-6} -alkyl, either of which may optionally be substituted with one or more substituents independently selected from R^{14} , or C_{3-8} -cycloalkyl optionally substituted with one or more substituents independently selected from R^{13} .
- 13 20. (Original) A compound according to claim 19 wherein R^4 is aryl optionally substituted with one or more substituents independently selected from R^{14} .
- 14 21. (Original) A compound according to claim 19 wherein R^4 is phenyl, biphenyl, or naphthyl optionally substituted with one or more substituents independently selected from R^{14} .
- 15 22. (Original) A compound according to claim 21, wherein R^4 is phenyl optionally substituted with one or more substituents independently selected from R^{14} .
- 16 23. (Original) A compound according to claim 1 wherein R^{13} is C_{1-6} -alkyl.
- 17 24. (Original) A compound according to claim 1 wherein R^{14} is
halogen, cyano, hydroxy, C_{1-6} -alkyl, C_{1-6} -alkylsulfonyl, C_{1-6} -alkylsulfonyloxy,
 C_{1-6} -alkoxy, C_{3-8} -cycloalkyl, $-CF_3$, $-OCF_3$, $-NR^5R^6$, R^5R^6N - C_{1-6} -alkyl-, or
a group of the formula $-(W)_k-A$.
- 18 25. (Original) A compound according to claim 24 wherein R^{14} is
F, Cl, cyano, methyl, ethyl, propyl, butyl, tert-butyl, methyl-sulfonyl,
methylsulfonyloxy, methoxy, ethoxy, cyclopropyl, cyclobutyl, cyclopentyl,
cyclohexyl, $-CF_3$, $-OCF_3$, $-NR^5R^6$, R^5R^6N -methyl-, or
a group of the formula $-(W)_k-A$.
- 19 26. (Original) A compound according to claim 25 wherein R^{14} is
F, Cl, cyano, methyl, tert-butyl, methyl-sulfonyl, methoxy, cyclopentyl, cyclohexyl,
 $-CF_3$, $-OCF_3$, $-NR^5R^6$, R^5R^6N -methyl-, or
a group of the formula $-(W)_k-A$.

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20 27. (Original) A compound according to claim 26 wherein R^{14} is a group of the formula $-(W)_k-A$.

21 28. (Original) A compound according to claim 1, wherein k is 1.

22 29. (Original) A compound according to claim 1 wherein k is 0.

23 30. (Original) A compound according to claim 1 wherein W is $-C_{1-6}$ -alkyl-, $-(O)_l-C_{1-6}$ -alkyl-O-, $-(CH_2)_n-(C=O)-(CH_2)_m-$, or $-O-$.

24 31. (Original) A compound according to claim 30 wherein W is $-C_{1-6}$ -alkyl- or $-(CH_2)_n-(C=O)-(CH_2)_m-$.

25 32. (Original) A compound according to claim 31 wherein W is methylene, ethylene, propylene or $-(CH_2)_n-(C=O)-(CH_2)_m-$.

26 33. (Original) A compound according to claim 1 wherein n is 0 or 1.

27 34. (Original) A compound according to claim 33 wherein n is 0.

28 35. (Previously presented) A compound according to claim 1 wherein m is 0 or 1.

29 36. (Original) A compound according to claim 35 wherein m is 0.

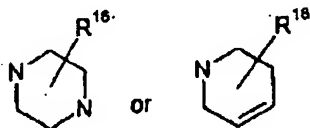
30 37. (Original) A compound according to claim 1 wherein l is 0.

31 38. (Original) A compound according to claim 1 wherein A is C_{1-6} -alkyl, aryl or C_{3-8} -cycloalkyl, wherein the ring moieties optionally may be substituted with one or more substituents independently selected from R^{15} , or A is NR^9R^{10} .

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- 32 39. (Original) A compound according to claim 38 wherein A is methyl, ethyl, phenyl, cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl, wherein the ring moieties optionally may be substituted with one or more substituents independently selected from R^{15} , or A is NR^9R^{10} .
- 33 40. (Original) A compound according to claim 39 wherein A is phenyl optionally substituted with one or more substituents independently selected from R^{15} .
- 34 41. (Original) A compound according to claim 40 wherein A is phenyl.
- 35 42. (Original) A compound according to claim 39 wherein A is NR^9R^{10} .
- 36 43. (Original) A compound according to claim 1 wherein R^{15} is halogen, nitro, cyano, hydroxy, C_{1-6} -alkylthio, C_{1-6} -alkylsulfonyl, C_{1-6} -alkylsulfonyloxy, C_{1-6} -alkyl, C_{1-6} -alkoxy, C_{3-8} -cycloalkyl, halo- C_{1-6} -alkyl, or halo- C_{1-6} -alkoxy.
- 37 44. (Original) A compound according to claim 43 wherein R^{15} is halogen, cyano, hydroxy, CH_3-S- , CH_3CH_2-S- , methylsulfonyl, methylsulfonyloxy, methyl, ethyl, propyl, butyl, isopropyl, methoxy, ethoxy, cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl, $-CF_3$, or $-OCF_3$.
- 38 45. (Original) A compound according to claim 44 wherein R^{15} is halogen, methyl, ethyl, methoxy, ethoxy, $-CF_3$, or $-OCF_3$.
- 39 46. (Original) A compound according to claim 1 wherein R^9 and R^{10} together with the nitrogen atom to which they are attached form a 3 to 7 membered, saturated or unsaturated ring, which may be fused to a benzene ring, and the ring may contain further heteroatoms and it may optionally be substituted with one or more substituents independently selected from R^{16} .
- 40 47. (Original) A compound according to claim 46 wherein R^9 and R^{10} together with the nitrogen atom to which they are attached form a structure selected from

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44 48. (Original) A compound according to claim 1 wherein R¹⁶ is methyl, ethyl, 1-ethyl-propyl or phenyl optionally substituted with one or more substituents independently selected from R¹⁷.

42 49. (Original) A compound according to claim 1 wherein R¹⁷ is halogen.

43 50. (Original) A pharmaceutical composition comprising, as an active ingredient, at least one compound according to claim 1 together with one or more pharmaceutically acceptable carriers or excipients.

44 51. (Currently amended) A pharmaceutical composition according to claim 50 in unit dosage form, comprising from about 0.05 mg to about 1000 mg, preferably from about 0.1 mg to about 500 mg or ~~and especially preferred~~ from about 0.5 mg to about 200 mg of the compound.

45 52. (Original) A pharmaceutical composition according to claim 50 wherein the compound exhibits histamine H3 antagonistic activity or histamine H3 inverse agonistic activity.

53. Cancelled

54. Cancelled

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62. Cancelled

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